

Converting Colors

Hex(40C4C9)

Have a look what the booklet for
Hex(40C4C9) contains.

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Color

Hex(40C4C9)

Conversions

Conversions Part 1

Format	Color
Hex	40C4C9
RGB	64, 196, 201
RGB Percent	25%, 77%, 79%
CMY	0.7490, 0.2314, 0.2118
CMYK	0.68, 0.02, 0.00, 0.21
HSL	182°, 56%, 52%
HSV	182°, 68%, 79%
XYZ	32.3969, 44.7869, 62.1956
YIQ	157.1020, -80.2770, -26.4290

Conversions

Conversions Part 2

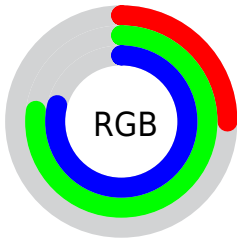
Format	Color
RYB	64, 131, 201
Decimal	4244681
CIELab	72.75, -33.28, -12.93
CIELCh	73, 35.703, 201.224
Yxy	44.7869, 0.2324, 0.3213
Android (android.graphics.Color)	4282434761 (0xFF40C4C9)
YUV	157.1020, 21.6417, -81.6505
Hunter-Lab	66.9230, -30.7048, -8.2557

Details

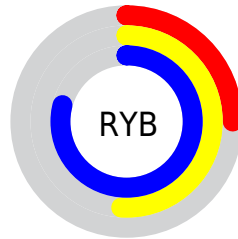
The Hex color **40C4C9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **C94540**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **82FDFF**, and **008E93** is the 20% darker color. If you saturate the color by 10%, you get **2CC3C9**, and if you desaturate by 10%, it is **54C5C9**.

Distribution



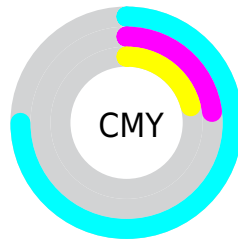
- Red (25%)
- Green (77%)
- Blue (79%)



- Red (25%)
- Yellow (51%)
- Blue (79%)



- Cyan (68%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (75%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40C4C9 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 40C4C9 by changing the saturation by 10% instead.

 40C4C9

 40C4C9

FFFFFF

 0AA8AE

 82FDFF

 008E93

 A0FFFF

 007479

 BEFFFF

 005B61

 DDFFFF


 004249

 FBFFFF

 002C32

 00121E

 000001

 000000

 40C4C9

 40C4C9

 2CC3C9

 54C5C9

 18C3C9

 68C5C9

 04C2C9

 7CC6C9

 00C2C9

 90C7C9

 A5C8C9

 B9C8C9

 CDC9C9

 E1CAC9

 F5CBC9

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63C4A7



40C4C9



46C0E4

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40C4C9



D3A2DC



D1AD72

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



40C4C9



C94540

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E9A281



40C4C9



EC9ABE

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40C4C9



A9AEFF



F39B9C



B1B875

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40C4C9



64BCF0



F39B9C



DAA975

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



40C4C9



CCFDFF



40C945



617E80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40C4C9



2EF7FF



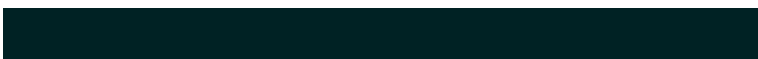
4080C9



5A6363



009DA3



002224

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C940C4



FF2EF7



C98940



635A63



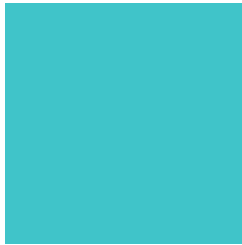
A3009D



240022

Previews

White Background



This preview shows how the Hex color 40C4C9 looks on a white background.

Color Contrast Check

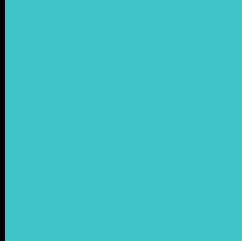
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 40C4C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

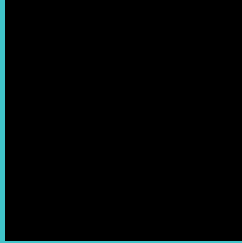
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

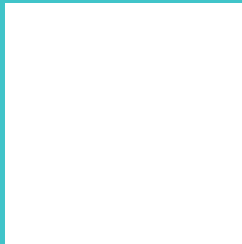
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 40C4C9 Background



This preview shows how black text looks on a background with the Hex color 40C4C9.

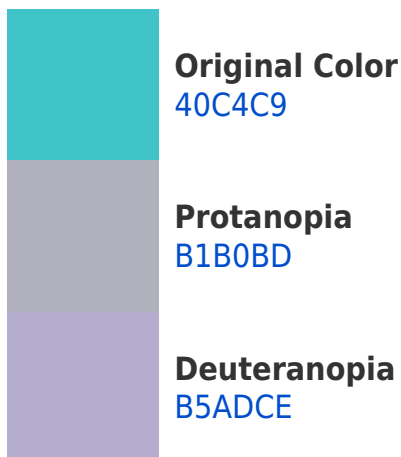


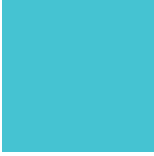
This preview shows how white text looks on a background with the Hex color 40C4C9.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

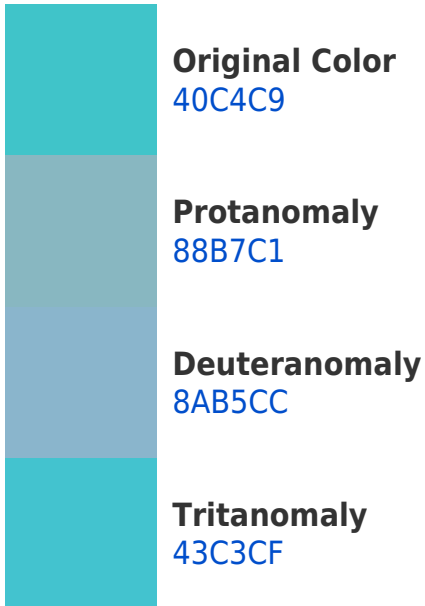
Dichromacy



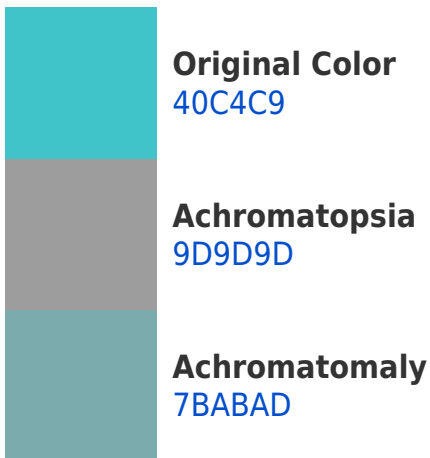


Tritanopia
45C3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40C4C9 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #40C4C9 looks like.

```
.text, #text, p{  
    color:#40C4C9  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #40C4C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40C4C9
}
```

Border

The CSS property to change the border of an element to Hex 40C4C9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40C4C9 }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:#40C4C9 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #40C4C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40C4C9; -webkit-box-shadow:4px 4px  
4px 4px #40C4C9; box-shadow:4px 4px 4px  
4px #40C4C9 }
```

Background

The CSS property to change the background color of an element to Hex 40C4C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40C4C9 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#40C4C9 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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